

Title (en)

Pixel arrangement of an organic light emitting display device

Title (de)

Pixelanordnung einer organischen lichtemittierenden Anzeigevorrichtung

Title (fr)

Agencement de pixels d'un dispositif d'affichage électroluminescent organique

Publication

EP 2390869 A2 20111130 (EN)

Application

EP 11167543 A 20110525

Priority

KR 20100048942 A 20100526

Abstract (en)

A pixel arrangement of an organic light emitting display device with a plurality of repeatedly arranged sub-pixel groups. Each of the sub-pixel groups includes two first sub-pixels in i-th and (i+2)-th columns (i is a natural number), two second sub-pixels in the i-th and (i+2)-th columns, the second sub-pixels being arranged in different rows with respect to the first sub-pixels, and two third sub-pixels in (i+1)-th and (i+3)-th columns, each third sub-pixel being arranged to overlap at least two adjacent rows of the first and second sub-pixels.

IPC 8 full level

G09G 3/32 (2006.01); **H01L 27/32** (2006.01)

CPC (source: EP KR US)

G09G 3/2003 (2013.01 - EP KR US); **G09G 3/3208** (2013.01 - KR); **H10K 59/121** (2023.02 - KR); **H10K 59/352** (2023.02 - EP KR US); **H10K 59/353** (2023.02 - EP KR US); **G09G 3/3208** (2013.01 - EP US); **G09G 2300/0452** (2013.01 - EP KR US); **G09G 2300/0465** (2013.01 - EP KR US)

Cited by

CN110335567A; GB2483764A; GB2483764B; US8593057B2; US8786182B2; US11296169B2; US11552107B2; US11881489B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2390869 A2 20111130; **EP 2390869 A3 20130814**; CN 102262854 A 20111130; CN 102262854 B 20140611; JP 2011249334 A 20111208; JP 5346060 B2 20131120; KR 20110129531 A 20111202; US 2011291550 A1 20111201; US 8552635 B2 20131008

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EP 11167543 A 20110525; CN 11110146643 A 20110525; JP 2011117556 A 20110526; KR 20100048942 A 20100526; US 92952811 A 20110131